

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 112025-0181C1

First Inventor Silvano Gai et al.

Title CASCADING ASSOCIATIVE MEMORY ARRANGEMENT

Express Mail Label No. EV 336752685 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 28]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed Sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C.113) [Total Sheets 7]
- Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:Mail Stop Patent Application
Commissioner for Patents
Box 1450
Alexandria, VA 22313-1450U.S. PTO
22386 10/684681

10/14/03

7. CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 C.F.R. §3.73(b) Statement Power of Attorney (*when there is an assignee*)
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No: 09 / 599,311

Prior application information: Examiner Coulter, Kenneth

Group / Art Unit: 2751

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS Customer Number or Bar Code Labelor Correspondence address below

Name	Michael R. Reinemann				
	24267 PATENT TRADEMARK OFFICE				
Address	Cesari and McKenna 88 Black Falcon Avenue				
	Boston	State	MA	Zip Code	02210
City	Boston	State	MA	Zip Code	02210
Country	U. S. A.	Telephone	(617) 951-2500		Fax (617) 951-3927

Name (Print/Type)	Michael R. Reinemann	Registration No. (Attorney/Agent)	38,280
Signature			Date October 14, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

101403
18304 U.S.P.T.O.

Patent and Trademark Office/SB/17 (10-03)

Approved for use through 04/30/2003, OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant Claims Small Entity Status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

770

Complete if Known

Application Number	Not yet assigned
Filing Date	October 14, 2003
First Named Inventor	Silvano Gai et al.
Examiner Name	Not yet assigned
Group Art Unit	Not yet assigned
Attorney Docket No.	112025-0181C1

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Other None
 Deposit Account Order

Deposit Account Number 03-1237
 Deposit Account Name Cesari and McKenna, LLP

The Commissioner is authorized to: (check all that apply)
 Charge any deficiency or
 Charge fee indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	770
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1) (\$)					770

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Fee from Claims below	Fee Paid
Total Claims 19 - 20** = 0 x 18 = 0	
Independent Claims 2 - 3** = 0 x 86 = 0	
Multiple Dependent = 0	

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	**Reissue independent claims over original patent
1205 18	2205 9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		0

**or number previously paid, if greater; For Reissues, see below

FEE CALCULATION (continued)

3. ADDITIONAL FEES

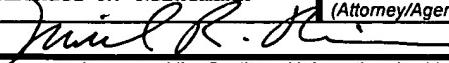
Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English Specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility Issue fee (or reissue)	
1502	470	2502	235	Design Issue fee	
1503	630	2503	315	Plant Issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					
Other fee (specify)					
SUBTOTAL (3) (\$)					0

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Michael R. Reinemann	Registration No. (Attorney/Agent)	38,280	Telephone	(617) 951-2500
Signature				Date	October 14, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:)
Silvano Gai et al.)
Serial No.: Not yet assigned) Examiner: Not yet assigned
Filed: October 14, 2003)
For: CASCADING ASSOCIATIVE) Art Unit: Not yet assigned
MEMORY ARRANGEMENT)
)
) Cesari and McKenna, LLP
) 88 Black Falcon Avenue
) Boston, MA 02210
) October 14, 2003

EXPRESS-MAIL DEPOSIT

"Express Mail" Mailing-Label Number: EV 336752685 US

The following papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Patent Application (28 pages including 19 claims) | <input checked="" type="checkbox"/> Fee Transmittal Letter |
| <input checked="" type="checkbox"/> Oath or Declaration | <input checked="" type="checkbox"/> Formal Drawings (7 sheets) |
| <input checked="" type="checkbox"/> Utility Patent Application Transmittal Letter | <input checked="" type="checkbox"/> Letter to Official Draftsman |
| <input checked="" type="checkbox"/> Check in the amount of \$770.00 | <input checked="" type="checkbox"/> PTO-1449 and Copies of References |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input checked="" type="checkbox"/> Request for Non-Publication |
| <input checked="" type="checkbox"/> Preliminary Amendment | <input checked="" type="checkbox"/> Informal Drawings (7 sheets) |
| <input checked="" type="checkbox"/> Return Receipt Postcard | |

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**REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Silvano Gai et al.
Title	CASCADING ASSOCIATIVE MEMORY ARRANGEMENT
Atty Docket Number	112025-0181C1

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

October 14, 2003

Date



Signature

Michael R. Reinemann, Reg. No 38,280

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:)
Silvano Gai et al.)
)
Serial No.: Not yet assigned) Examiner: Not yet assigned
)
Filed: October 14, 2003)
)
For: CASCADING ASSOCIATIVE) Art Unit: Not yet assigned
MEMORY ARRANGEMENT)
)
) Cesari and McKenna, LLP
) 88 Black Falcon Avenue
Boston, MA 02210
October 14, 2003

"Express Mail" Mailing-Label Number: EV 336752685 US

Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

LETTER TO OFFICIAL DRAFTSMAN

If the Examiner in charge of the above-identified application approves, please substitute the enclosed drawing sheets containing formal versions of Figures 1-7 for the corresponding drawing sheets currently in the application.

PATENTS
112025-0181C1

Please charge any additional fee occasioned by this paper to our Deposit Account
No. 03-1237.

Respectfully submitted,



Michael R. Reinemann
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